Superradiance Timescales orbital (I) spin (a*) a*=0.900 10^{-29} a*=0.990 a*=0.999 10^{-36} 10-43 $[l_{mn}]_{10^{-20}}$. 10⁻⁵⁰ - 10^{-64} 10^{-71} 10^{-78} 0.0 0.5 1.0 2.0 2.5 3.0 1.5 μ_a Axion mass [eV] 1e-11